

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-32 (Cancelled)

33. (Currently Amended) A bacterin which comprises per dose an effective immunizing amount of ~~two non-crossprotective an antigenic subunit derived from a first Borrelia burgdorferi isolate Borrelia burgdorferi isolates, an effective immunizing amount of an antigenic subunit derived from a second, non crossprotective Borrelia burgdorferi isolate,~~ an adjuvant in an amount effective to enhance the immunogenicity of the ~~antigenic subunits~~ Borrelia burgdorferi isolates, and a suitable carrier.

34. (Currently Amended) The bacterin of claim 33, wherein the effective immunizing amount of the ~~antigenic subunits derived from each of the non-crossprotective *Borrelia burgdorferi*~~ non-crossprotective *Borrelia burgdorferi* isolates is an amount from about ten micrograms to about 10,000 micrograms.

35. (Currently Amended) The bacterin of claim 33, further comprising an effective immunizing amount of ~~an antigenic subunit of a third Borrelia burgdorferi~~ *Borrelia burgdorferi* isolate.

Claims 36-43 (Cancelled)

44. (Withdrawn) A vaccine which comprises per dose an effective immunizing amount of an antigenic subunit derived from a first *Borrelia burgdorferi* isolate, an effective immunizing

amount of an antigenic subunit derived from a second, non crossprotective *Borrelia burgdorferi* isolate, an adjuvant in an amount effective to enhance the immunogenicity of the antigenic subunits and a suitable carrier.

45. (Withdrawn) The vaccine of claim 44, wherein the effective immunizing amount of the antigenic subunits derived from each of the non crossprotective *Borrelia burgdorferi* isolates is an amount from about ten micrograms to about 10,000 micrograms.

46. (Withdrawn) The vaccine of claim 44, further comprising an effective immunizing amount of an antigenic subunit of a ~~third~~ *Borrelia burgdorferi* isolate.